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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,576	04/08/2004	Cheng-Hui Chiu	24061.85 (TSMC2003-0420)	8571
42717 7590 02/28/2007 HAYNES AND BOONE, LLP 901 MAIN STREET, SUITE 3100 DALLAS, TX 75202			EXAMINER KIM, PAUL	
			ART UNIT	PAPER NUMBER
			2161	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/28/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/820,576	CHIU ET AL.	
	Examiner	Art Unit	
	Paul Kim	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 18 December 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

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### DETAILED ACTION

1. This Office action is responsive to the following communication: Amendment filed on 18 December 2006.
2. Claims 1-34 are pending and present for examination. Claims 1, 16, and 26 are independent.

### *Response to Amendment*

3. Claims 1, 5, 16, 19, 26, and 29 have been amended.
4. Claims 8-9, 22, and 32 have been cancelled.
5. No claims have been added.

### *Claim Rejections - 35 USC § 112*

6. As per the 35 U.S.C. 112 rejections, Applicant's Amendment has been acknowledged. Accordingly, the rejection has been withdrawn.

### *Claim Rejections - 35 USC § 102*

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. **Claims 1-7, 10, 12-13, 15-21, 23, 25-31, and 33-34** are rejected under 35 U.S.C. 102(b) as being anticipated by Joshi et al (USPGPUB No. 2002/0091798, hereinafter referred to as JOSHI), filed on 26 February 2001, and published on 11 July 2002.

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9. **As per independent claims 1, 16 and 26, JOSHI teaches:**

A system for sharing confidential semiconductor manufacturing information comprising:

an access monitor module for authorizing user access to confidential information {See JOSHI, [0196], wherein this reads over "Access Server authentication module 540 then authenticates the user using the user ID and password"};

an information sharing module for creating a transitory link to the confidential information in response to a user being authorized to access the confidential information {See JOSHI, [0124], wherein this reads over "[a]uthorization event handler 516 performs steps in a method for determining whether a user of browser 12 or 14 is authorized to access a requested resource upon a successful authentication or receipt of a valid authentication cookie"} stored in a database; and

a transitory link maintenance module for maintaining the transitory link and selectively removing the transitory link from the system {See JOSHI, [0148], wherein this reads over "[o]nce authenticated, a user can explicitly log out, causing authentication cookies cached (or otherwise stored) by the user's browser to be destroyed or become invalid"}.

10. **As per dependent claim 2, JOSHI teaches:**

The system of claim 1 wherein the access monitor module monitors user idle time and may grant access to the system upon verifying user authorization to access the system {See JOSHI, [0209], wherein this reads over "[i]f the time elapsed since the session start time exceeds a maximum session time, the cookie will become invalid. Idle start time is also stored, which identifies the time when the previous HTTP request for a protected resource was made in which cookie was passed. If the time elapsed since the idle start time exceeds a maximum idle time, the cookie will become invalid"}.

11. **As per dependent claims 3, 17 and 27, JOSHI teaches:**

The system of claim 2 wherein the access monitor module denies user access to the system if the user idle time exceeds an allowable time limit {See JOSHI, [0148], wherein this reads over "[a]uthentication cookies can also be set by an administrator to be destroyed after a maximum idle time has elapsed between requests to resources protected in accordance with the present invention"}.

12. **As per dependent claims 4, 18 and 28, JOSHI teaches:**

The system of claim 1 wherein the information sharing module determines whether the confidential information is information the user is authorized to access and, in response to the confidential information being information the user is authorized to access, the information sharing module creating the transitory link {See JOSHI, [0151], wherein this reads over "the method attempts to determine whether the user is authorized to access the requested resource. If the user is authorized (step 790), the method proceeds to step 792 . . . [where] the successful authorization of the user is logged in step 792, authorization success actions are performed in step 794, and the user is granted access to the requested resource in step 795"}.

13. **As per dependent claims 5, 19 and 29, JOSHI teaches:**

The system of claim 1 further comprising: a user privilege file, whereby the information sharing module creates the transitory link when the confidential information

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corresponds to information contained in the user privilege file {See JOSHI, [0151], wherein this reads over "the method attempts to determine whether the user is authorized to access the requested resource. If the user is authorized (step 790), the method proceeds to step 792 . . . [where] the successful authorization of the user is logged in step 792, authorization success actions are performed in step 794, and the user is granted access to the requested resource in step 795"; and [0153], wherein this reads over "if a successful mapping has occurred (step 838), then Access Server 34 retrieves the authentication rule (step 844) and audit rule (step 846) associated with the requested resource"}.

**14. As per dependent claims 6, 20 and 30, JOSHI teaches:**

The system of claim 1 wherein the access monitor module uses cookies to authorize access to the confidential information {See JOSHI, [0124], wherein this reads over "[a]uthorization even handler 516 performs steps in a method for determining whether a user of browser 12 or 14 is authorized to access a requested resource upon a successful authentication or receipt of a valid authentication cookie"}.

**15. As per dependent claim 7, 21 and 31, JOSHI teaches:**

The system of claim 1 further comprising:

an information list and request link disconnected from the confidential information, whereby upon creation of the transitory link, the information list and request link is connected to the confidential information through the transitory link to allow for accessing of the confidential information {See JOSHI, [0151], wherein this reads over "the method attempts to determine whether the user is authorized to access the requested resource. If the user is authorized (step 790), the method proceeds to step 792 . . . [where] the successful authorization of the user is logged in step 792, authorization success actions are performed in step 794, and the user is granted access to the requested resource in step 795"}.

**16. As per dependent claims 10, JOSHI teaches:**

The system of claim 1 wherein the transitory link maintenance module removes the transitory link when the system indicates that the confidential information is no longer authorized to be accessed {See JOSHI, [0151], wherein this reads over "[o]therwise, the unsuccessful authorization is logged in step 796. After step 796, the method performs authorization failure actions (step 798) and Web Gate 28 denies the user access to the requested resource"}.

**17. As per dependent claim 12, JOSHI teaches:**

The system of claim 1 further comprising: a network coupled to the system {See JOSHI, [0011], wherein this reads over "an access system that provides data to resources available on a network"; and [0080], wherein this reads over "a resource is anything accessible to a user on a network. The network could be the Internet, a LAN, a WAN, or any other type of network"}.

**18. As per dependent claim 13, JOSHI teaches:**

The system of claim 1 further comprising: a database coupled to the system {See JOSHI, [0080], wherein this reads over "[a] resource can include a web page, software application, file, database"}.

**19. As per dependent claim 15, 25 and 34, JOSHI teaches:**

The system of claim 1 wherein the transitory link is a symbolic link {See JOSHI, [0226], wherein this reads over "the resource determines whether there are any header variables to consider. If

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there are no header variables, then in step 1834, the resource responds to the request. Responding to the request can include providing a web page, access to a software process or anything else appropriate for the particular resource. If, in step 1832, it is determined that there are header variables, then in step 1836 the resource searches for a particular variable name. In order to use header variables, the resource must be preprogrammed to know what header variables to expect and how to use them."}

20. **As per dependent claims 23 and 33, JOSHI teaches:**

The method of claim 12 wherein the removing is performed after the confidential information has been accessed through the transitory link {See JOSHI, [0148], wherein this reads over "[a]uthentication cookies can also be set by an administrator to be destroyed after a maximum idle time has elapsed between requests to resources protected in accordance with the present invention"}.

***Claim Rejections - 35 USC § 103***

21. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

22. **Claims 11, 14 and 24** are rejected under 35 U.S.C. 103(a) as being unpatentable over JOSHI, in view of Official Notice.

23. **As per dependent claims 11 and 24, JOSHI, in combination with Official Notice, discloses a** system wherein the system exists within a virtual integrated circuit fabrication system since it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an access authentication system to protect confidential integrated circuit fabrication information.

24. **As per dependent claim 14, JOSHI, in combination with Official Notice, discloses a system** wherein the access monitor module, the information sharing module, and the transitory link maintenance module are all written in the common gateway interface (CGI) since it would have been obvious to one of ordinary skill in the art at the time the invention was made to use CGI, a well-known programming method, for writing modules of the claimed system.

***Response to Arguments***

25. Applicant's arguments filed 18 December 2006 have been fully considered but they are not persuasive.

**a. Applicant's Arguments:**

i. Rejections under 35 U.S.C. 102

Applicant asserts the argument that Joshi fails to teach the claim limitation of "creating a transitory link to . . . confidential information [stored in the database] in response to a user being authorized to access the confidential information" (See Amendment, page 8).

Applicant asserts the argument that Joshi fails to teach the claim limitation of "selectively removing the transitory link from the system" (See Amendment, page 8).

ii. Rejections under 35 U.S.C. 103

Applicant asserts the argument that the dependent "claims are allowable over the cited referenced for at least the same reasons set forth" with reference to claims 1 and 16 (See Amendment, page 8).

**b. Response to Arguments:**

i. Rejections under 35 U.S.C. 102

As per Applicant's assertion that Joshi fails to teach the claim limitation of "creating a transitory link to . . . confidential information [stored in the database] in response to a user being authorized to access the confidential information," the Examiner respectfully disagrees. It is noted that Figure 22 and Paragraph [0151] of Joshi's claimed invention discloses a process wherein "the user is granted access to the requested resource" {See JOSHI, [0151] and Step 795 of Figure 22}. That is, the granting of access to the protected resource by means of performing authorization success actions would read upon Applicant's claim limitation of "creating a transitory link to . . . confidential information."

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As per Applicant's assertion that Joshi fails to teach the claim limitation of "selectively removing the transitory link from the system," the Examiner respectfully disagrees. It is noted that the destruction of the authentication cookies would effectively remove the transitory link from the system in that the user would no longer have access to the requested resource. Furthermore, Applicant's addition of the term "selectively" to the claim language fails to overcome the disclosed prior art of Joshi in that Joshi discloses a method wherein authentication cookies are destroyed after a maximum idle time (i.e. the selection criterion according to which the transitory link is removed).

Accordingly, the claim rejections under 35 U.S.C. 102 are sustained.

ii. Rejections under 35 U.S.C. 103

As per claims 11, 14, and 24, Applicant has not asserted any specific arguments in response to the rejections of the claims. Therefore, the rejections of claims 11, 14 and 24 are sustained because Applicant has not presented any prior art arguments for overcoming the rejections contained in the prior Office Action. Furthermore, by virtue of dependency, the rejections of Claims 11, 14, and 24 are sustained for the reasons stated above in relation to Claims 1 and 16.

***Conclusion***

26. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing



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date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

27. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul Kim whose telephone number is (571) 272-2737. The examiner can normally be reached on M-F, 9am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on (571) 272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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